



Bay Area Infrastructure Financing Authority
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Memorandum

TO: BAIFA

DATE: June 18, 2014

FR: Executive Director

W. I. 6840

RE: Contract – On-Call Construction Management Services: Express Lane Communication Backhaul Network: Cooper Pugeda Management, Inc. (\$830,000)

This memorandum seeks approval from the Authority to execute a contract with Cooper Pugeda Management, Inc. (Cooper Pugeda) in an amount not to exceed \$830,000 to provide on-call construction management and construction administration services related to construction of a fiber optic communication network (“Backhaul”) to support the Bay Area Express Lanes along the following corridors.

- Interstate 680 in Contra Costa County north of Interstate 580
- Portions of Interstate 880 in Alameda County
- Portions of Interstate 80 in Solano County
- Westbound San Mateo-Hayward and Dumbarton bridge approaches

Background

The Backhaul will rely on a combination of fiber optics and leased-line services to connect BAIFA’s express lane corridors with the toll system host and operation sites. The Backhaul will leverage existing Caltrans conduit and existing BART and Silicon Valley Intelligent Transportation System (ITS) fiber as well as leased-line services. BAIFA’s construction project will repair and close gaps in conduit, install new fiber, and interconnect fiber in the freeway right-of-way and BART rail lines to create a robust communications network. Construction activities will be focused in the freeway right-of-way on I-680 in Contra Costa County and I-880 in Alameda County. Some limited construction will be required to make connections to BART fiber at the Walnut Creek, West Dublin, Fremont, and Embarcadero stations and to Silicon Valley ITS fiber at the southern end of the I-880 corridor. In the I-80 corridor in Solano the Backhaul will use leased-lines telecommunications services to connect the corridor to toll system host and operation sites since there is no existing agency or partner agency fiber or conduit.

Staff is designing the Backhaul with the expectation it will become part of a broader regional communications network, now in the very early planning stages. The broader network will support a variety of data-intensive transportation management initiatives such as integrated corridor management, ramp metering and closed circuit television cameras supporting existing 511 and the Caltrans’ Traffic Management Center. Additionally BATA staff will evaluate replacing leased-line services with Backhaul connections for the bridge tolling system network.

Selection Process

On October 25, 2013, BATA issued a Request for Qualifications (RFQ) to select pre-qualified consulting firms to provide on-call design and construction management services. The RFQ allows for the on-call consultants to work not only on BATA projects, but also on MTC, MTC SAFE, BAIFA and BAHA projects. Ultimately, on January 8, 2014, the BATA Oversight Committee approved a panel of eight firms to provide on-call construction management services. Two of the eight firms from this pool were eliminated from consideration for this project based on potential conflicts with services those firms are currently providing for the BAIFA Express Lane Program. The required scope of services for this contract was sent to the remaining six firms, all of which provided submittals in response. The firms that received the required scope of services included AECOM, CH2M Hill, Cooper Pugeda, Ghirardelli Associates, Harris & Associates and Zoon Engineering.

Following the review of the submittals, staff invited two firms (Cooper Pugeda and Ghirardelli Associates) for a short oral presentation followed by a question and answer session. The two firms were shortlisted because they have more extensive experience with fiber optic communication equipment installation and construction management of utility relocations to facilitate development of a communication network. After the discussion and presentation, BAIFA staff recommends Cooper Pugeda as the most qualified, due to its extensive construction management experience with fiber optic communication networks.

Cooper Pugeda is a certified Small Business Enterprise (SBE) and a certified Disadvantaged Business Enterprise (DBE) located in Oakland, CA.

Recommendation

Staff recommends that the Authority authorize the Executive Director or his designee to negotiate and enter into a contract with Cooper Pugeda in an amount not to exceed \$830,000 to provide construction management and construction administration services for the construction contract to complete a fiber optic communication network for the Bay Area Express Lane project.


Steve Heminger

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REQUEST FOR AUTHORITY APPROVAL

Summary of Proposed Contract

Work Item No.:	6840
Contractor:	Cooper Pugeda Management, Inc., Oakland, CA
Work Project Title:	Express Lanes – Construction Management Services for the Backhaul Communication Network
Purpose of Project:	Implement a Backhaul Communication Network to support BAIFA Express Lanes
Brief Scope of Work:	Provide construction management and construction administration services for the Backhaul Communication Network. Support completion of the final design by providing constructability reviews of the Backhaul Plans, Specifications and Estimate documents. Assist with the issuance of an Invitation For Bids and contract award.
Project Cost Not to Exceed:	\$830,000
Funding Source:	BATA Capital Program Budget
Fiscal Impact:	Funding is included in the Express Lane Capital Project Budget, as adopted in the FY 2013-14 Toll Bridge Program Operating and Capital Budget (BATA Resolution No. 111, Revised).
Motion by Authority:	That the Executive Director or his designee is authorized to negotiate and enter into a contract with Cooper Pugeda Management, Inc. to provide on-call construction management services as described above and in the Executive Director's memorandum dated June 18, 2014, and the Chief Financial Officer is directed to set aside funds in the amount of \$830,000 for such contract.
BAIFA:	<hr/> Amy Rein Worth, Chair
Approved:	Date: June 25, 2014